

EPA Review of December 13, 1985
Site Inspection (SI) Report for
Syro Steel Company

1756534 - R8 SEMS

044391

SEMS #1756534

Narrative Portion of the SI report:

1. The resubmittal of this report should state the SI is final, and no longer a draft SI.
2. Items 5, 6 and 7 should not reference the HRS package but rather the actual reference. (i.e. Attachment H of HRS package should be changed to the Utah Bureau of Water Pollution Control Warning Letter, May 4, 1982)

SI EPA Form 2070-13

1. Pt. I, II, #17, #18, #19 - These sections need to be completed.
2. Pt. I, II - Waste Quantity. 80 tons is inconsistent with the 15,000 gallons per year estimate given in the Syro Steel's Groundwater Monitoring Plan. Please change number of tons to reflect this fact.
3. Pt. I, III - 20,000 gallons of waste is inconsistent with the above stated value of 15,000 gallons/year. Also, add "arsenic" to the list of Heavy Metals.
4. Pt. 3 - Hazardous conditions and incidents - Do not refer to the HRS package. Attach a list of the specific references and then cite this list as the appropriate source of information.
5. Pt. 3, II, A - Groundwater Contamination - Third and fourth quarters of what year? What months?
6. Pt. 3, E, I & K - Are the "farmer", "small farmer", and "Mr. Liston" the same person? If so, clarify these references to him.
7. Pt. 3, II, P - Compliance is misspelled.
8. Pt. 4, III, 01 - Unsure how 20,000 gallons was determined. See previous comment in Item 3.
9. Pt. 4, IV, 02 - Sentence should be changed to "...contamination by heavy metals."

10. Pt. 5, VI, 02 - Restate this sentence by stating "No bedrock has been found at this time."
11. Pt. 5, IV, 12 - "Paraquin falcon" should be "Peregrin falcon"
12. Pt. 5, VI, 14 - Sides is misspelled.
13. Pt. 6, II, 03 - Indicate the date samples were available.
14. Syro Steel Surface Water Sample Analyses, June 10, 1985. Table needs to include the units of measurement.
15. Original photos should be submitted with this report.
16. QA/QC data verification package should be part of the SI report.

Syro Steel Company - Western Division
950 West 400 South
Centerville, Utah 84104
EPA ID Number UTD 041075896

Site Summary

Syro Steel Company is located in Centerville, Davis County, Utah and covers approximately one-acre. The National Galvanizing Company manufactured steel highway products and operated the facility from 1966 until 1971. Since then it has been operated by Syro Steel Company - Western Division.

Approximately 5760 tons of spent pickle liquor were disposed of in two unlined surface impoundments from 1966 to 1974. Since December, 1974, Syro Steel has used a lined evaporation pond for waste disposal.

According to tests conducted by Syro Steel, the groundwater is contaminated with arsenic, cadmium, chromium, iron and manganese. Approximately 10,000 people receive drinking water from the Centerville public water supply wells that are located within a one-mile radius of the site. No alternative water supply source is available. An unnamed creek (tributary of the Great Salt Lake) borders the western edge of Syro's property showed elevated levels of iron and zinc. This creek is used by about 2670 people for irrigation and stock watering purposes.

Status:

Syro is operating this waste disposal facility under RCRA interim status to date. The lined evaporation pond is undergoing closure.

Response Category: D

Clean-up code: No clean-up actions have been initiated

ok,

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RCRA Status

Syro Steel manufactures steel highway products and generates hazardous waste. The waste is spent pickle liquor (K062). In the past, Syro Steel used two unlined evaporation ponds for the disposal of hazardous waste (one was used from 1966 to 1971, and the other was used from 1971 to 1974).

In April 1974, Syro began discharging their spent pickle liquor into the Davis County Sewer Department's system. This proved to be an unsuitable disposal method and permission for any further discharge was denied by Davis County sewer system in June 1974.

In April 1974, Syro received an NPDES Permit to discharge their liquid wastes into "an unnamed ditch, a tributary of the Great Salt Lake." Syro Steel violated their NPDES permit limits. EPA issued a Notice of Violation and Compliance Order in January 1976, alleging that Syro Steel was in violation of their NPDES permit. Syro's NPDES permit expired in December 1976. At that time, Syro stated that the permit was no longer needed.

Since December 2, 1974, Syro has used a lined evaporation pond for their waste disposal. This pond is currently undergoing RCRA closure. Syro is operating under RCRA interim status to date. However, the two ponds operated from 1966 to 1971 and 1971 to 1974 are abandoned units and are not being addressed under ^{State authorities} RCRA or other ^{State} environmental regulations.

MS/pw

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